

ABSTRACT OF THE DISCLOSURE

[0032] A compliant swage has the ability to change shape to allow clearance of an obstruction while permitting expansion to go on in other areas removed from the obstruction. A series of segments move with respect to each other longitudinally to change overall size. The segments have an additional degree of freedom to change from a round profile of varying diameter to an oblong, elliptical, or an irregular shape so as to compensate in the portion that encounters an obstruction to let the swage pass while at the same time permitting the intended maximum expansion in other portions where conditions permit such expansion.

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